P1059 Rev -



W. W. Hansen Experimental Physics Laboratory STANFORD UNIVERSITY STANFORD, CALIFORNIA 94305-4085

Gravity Probe B Relativity Mission

# Space Vehicle Closeout Photo Plan P1059 Rev -

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Dorrene M. Ross System Effectiveness Manager

Bob Schultz Chief System Engineer

Gaylord Green Program Manager

Marv Nowlin MSFC S&MA

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#### 1. Scope

This Plan covers the management and methods of making Space Vehicle Closeout Photos available for review and submittals to MSFC. Lockheed Martin Technical Team members have generated all photographs covered by this plan at Vandenberg Air Force Base of the Gravity Probe B Space Vehicle.

The purpose of this plan is to describe the process for controlling these photos, as they are ITAR sensitivity. No photos are to be sent outside of the email system other then as specified in this document.

#### 2. Closeout Photographs

Lockheed Martin team members shall take pictures of all areas in which work has been performed and prior to next layer of assembly. The purpose is to review these photos prior to closing off access. Any technical or S&MA representative may perform real-time review on-site if requested.

On-site reviewers include but are not limited to the following:

Lockheed Martin VAFB Mechanical Lead Lockheed Martin Quality Engineer Stanford University Responsible Product Engineer Stanford University Quality Manager MSFC Safety and Mission Assurance Representative

## 3. Copying of Closeout Photos

Each day the Stanford University Representative is responsible for attaining any photos taken. The SU Representative shall exchange digital camera cards with the LM Mechanical Lead. The SU Representative shall then create a CD of all photos on that media card. One copy will be given to the LM Mechanical Lead and one copy to Stanford QA.

An additional copy will become part of a history file, and will be available for on-site review by team members.

#### 4. Archiving Closeout Photos

The SU Representative shall post all new photos to the Stanford University DBM drive ITAR folder. The sub-folder is "VAFB Closeout Photos".

## 5. Notification of Closeout Photo Posting

The SU Representative shall send out an email to Stanford and Lockheed Martin stating that the photos have been posted and are ready for review by the appropriate Responsible Product Engineers. The RPEs are responsible for reviewing and commenting with 24 hours of posting.

The day following the posting of photos, at least one member from the Stanford and Lockheed Martin teams shall report at the 7:15 AM meeting approval to proceed with that day's activities. These approvals shall become part of the minutes of the morning meeting. For work falling on Saturday and Sunday, an email shall be sent to the Stanford QA Manager stating "okay to proceed".

Reviewers are as follows:

Bruce Clarke	ECU	email: clarke@relgyro.stanford.edu
Chris Gray	GMA	email: gray@relgyro.stanford.edu
Rob Brumley	SV	email: brums@relgyro.stanford.edu
Barry Muhlfelder	SV	email: <u>barry@relgyro.stanford.edu</u>
Gaylord Green	SV	email: gaylord@relgyro.stanford.edu
Russell Katz	SV	email: russell.katz@lmco.com
Jeff Vanden Buekel	SV	email: jeff.vanden.buekel@lmco.com
Mike Sisley	SV	email: michael.sisley@lmco.com
Dorrene Ross	SV	email: dorrene@relgyro.stanford.edu

#### 6. Delivery of Closeout Photos to MSFC

One copy of each new CD shall be sent to MSFC for posting on the MSFC VRC. The CD shall be sent to:

Deborah Dobbs, SD32 Marshall Space Flight Center Bldg. 4201, Room 509 Marshall Space Flight Center, AL 35812